Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Thursday 24 Dec 2020 until 23:59 on Friday 25 Dec 2020

Forecast Issued on Wednesday 23 Dec 2020 at 17:18

Confidence: High for a cold start and then a change, briefly, to milder, wetter and windier conditions but lower with regard to details, especially through Monday with low pressure centred over the UK.

Headline for Thursday 24 Dec 2020: Sunny spells and a few snow showers. Very cold with strong northerly winds easing.

Mountain weather hazards on Thursday 24 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Light snow showers	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
20%	<05%	10%	20%	30%	10%	<05%	00%

Forecast for Thursday 24 Dec 2020

Weather: Cloudy with patchy rain, sleet and snow soon clearing with clear spells developing overnight. Then a bright start to the day with some good spells of sunshine and the odd light snow shower developing, mainly over northern and western hills. Any showers die out through the afternoon to leave a dry evening with long clear spells.

Chance of cloud free mountain/hill tops above 800m: Around 75% across northern and western hills for a time through the morning and early afternoon with occasional cloud above 600m, otherwise close to 100% with little or no cloud below the summits.

Visibility: Very good or excellent falling to just a few kilometres at times in light snow showers.

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Forecast for Thursday 24 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/45 N	31/42 N	30/41 N	33/45 N	27/38 N	24/35 N	22/31 N	17/25 N	14/19 N
600	26/38 N	21/33 N	21/31 N	23/34 N	21/33 N	18/29 N	14/24 N	11/18 N	7/12 N
300	18/34 N	15/31 N	14/29 N	16/31 N	16/30 N	13/26 N	10/22 N	7/16 N	3/9 NW
Valley	19/36 N	16/32 N	16/31 N	18/34 N	17/32 N	15/29 N	11/25 N	10/21 N	6/15 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-10	-2/-10	-2/-10	-2/-11	-3/-11	-3/-11	-3/-10	-3/-10	-4/-9
600	1/-6	0/-6	0/-6	0/-7	-0/-7	-0/-7	-1/-6	-1/-6	-2/-5
300	4/-2	3/-2	2/-2	2/-3	2/-3	2/-3	2/-3	1/-2	0/-1
Valley	5/0	4/-0	4/-1	4/-1	4/-1	4/-1	3/-1	3/-1	3/0
Freezing Level*	700m	500m	500m	400m	300m	400m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around plus 1 Celsius at first. Significant chill effect at all levels through the day.

Forecast for Friday 25 Dec 2020

Weather: Clear skies at first but cloud increasing from the northwest towards dawn. Then a bright start but cloud continuing to thicken cloudy morning with outbreaks of mainly light sleet and snow developing towards midday, these turning increasingly to rain below about 900m through the afternoon. The rain, and summit sleet and snow, becomes more persistent and occasionally heavy for a time during the evening.

Maximum wind: Northerly or northwesterly 15mph backing southwesterly 20-25mph through the morning, with gusts around 45mph over ridges and summits by evening.

Chance of cloud free mountain/hill tops above 800m: Around 75% at first with occasional cloud above 750m but becoming close to zero through much of the day with periods or persistent cloud above 600m and, especially in the south and west, patches below.

Visibility: Very good falling to a few kilometres in heavier rain and sleet and snow, and perhaps less than a kilometre in any heavier summit snow through the evening.

Temperature: **Valleys:** Minus 1 Celsius overnight rising to plus 9 or 10 Celsius by day
At 800m: Around minus 4 Celsius rising to plus 2 Celsius through the afternoon and evening
Freezing level: 300m at first gradually rising to just above the summits.

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Ground Conditions Supplement
No recent ground conditions report available.

Issued at: 1718 on Wed 23 Dec 2020

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